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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Thomas Roehr et al.                      Art. Unit: 2818  
Serial No.: 10/650,458                                      Examiner:  
Filed : August 27, 2003  
Title : HIGH DENSITY FLASH MEMORY WITH HIGH SPEED CACHE DATA  
INTERFACE

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

This filing is being made before the receipt of a first Office action on the merits. No fee is required.

Each enclosed document listed on the herewith Form PTO-1449 was cited in the attached International Search Report dated December 7, 2004, issued in a foreign counterpart application not more than three months ago. To the best knowledge of the undersigned, this is the first citation of these items in any

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

February 22, 2005  
Date of Deposit  
Signature  
Jennifer H. Payne  
Typed or Printed Name of Person Signing Certificate

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Filed : August 27, 2003  
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Attorney's Docket No.:14580-024001

communication from a foreign patent office in a counterpart foreign application.

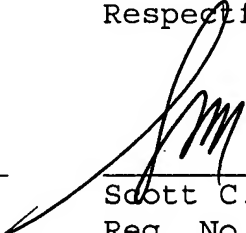
The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Please apply any additional charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: February 22, 2005



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10486688.doc

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
14580-024001Application No.  
10/650,458**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR § 1.98(b))

Applicant  
Thomas Roeher et al.Filing Date  
August 27, 2003Group Art Unit  
2818**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee       | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|----------------|-------|----------|----------------------------|
|                  | AA        | 2001/0025333    | 09/2001          | Taylor, et al. |       |          |                            |
|                  | AB        | 5,809,515       | 09/1998          | Kaki, et al.   |       |          |                            |
|                  | AC        | 6,150,724       | 11/2000          | Wenzel, et al. |       |          |                            |
|                  | AD        | 6,249,841       | 06/2001          | Sikes, et al.  |       |          |                            |
|                  | AE        |                 |                  |                |       |          |                            |
|                  | AF        |                 |                  |                |       |          |                            |
|                  | AG        |                 |                  |                |       |          |                            |
|                  | AH        |                 |                  |                |       |          |                            |
|                  | AI        |                 |                  |                |       |          |                            |
|                  | AJ        |                 |                  |                |       |          |                            |
|                  | AK        |                 |                  |                |       |          |                            |

**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
|                  | AL        | 0 990 987       | 04/2000          | EPO                      |       |          |             |    |
|                  | AM        |                 |                  |                          |       |          |             |    |
|                  | AN        |                 |                  |                          |       |          |             |    |
|                  | AO        |                 |                  |                          |       |          |             |    |
|                  | AP        |                 |                  |                          |       |          |             |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document  |
|------------------|-----------|---|
|                  | AQ        | Miller, et al., "HeRMES: High-Performance Reliable MRAM-Enabled Storage", <i>IEEE, Workshop on Hot Topics in Operating Systems</i> , pp. 95-99, May 2001. |
|                  | AR        |   |
|                  | AS        |   |
|                  | AT        |   |

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.